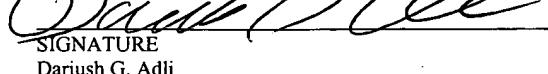


FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 81844.0052
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NUMBER 107588708 (if known) See 37 CFR 1.47 Not assigned
INTERNATIONAL APPLICATION NO. PCT/JP2005/004543	INTERNATIONAL FILING DATE 15 March 2005		PRIORITY DATE CLAIMED 25 March 2004	
TITLE OF INVENTION Substrate For Thin-Film Solar Cell, Method For Producing The Same, And Thin-Film Solar Cell Employing It				
APPLICANT(S) FOR DO/EO/US Toshiaki SASAKI, Yohei KOI, Yuko TAWADA and Kenji YAMAMOTO				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>				
Items 11. to 16. below concern document(s) or information included:				
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <ul style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. </p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet</p>				

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 107588708 Not assigned		INTERNATIONAL APPLICATION NUMBER PCT/JP2005/004543	ATTORNEY'S DOCKET NUMBER 81844.0052		
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):					
Basic National Fee		\$300			
National Stage Search Fee		\$400			
National Stage Examination Fee		\$200			
TOTAL FEE AMOUNT =				\$ 900.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				<input type="checkbox"/> 20 <input type="checkbox"/> 30 \$ 0	
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE	
Total claims	7	20	0	X \$50.00	
Independent claims	1	3	0	X \$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				X \$360.00	
SIZE FEE <u>72</u> (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)		\$250 for each additional 50 sheets		X \$250.00	
TOTAL OF ABOVE CALCULATIONS =				900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.					
				SUBTOTAL =	900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).				<input type="checkbox"/> 20 <input type="checkbox"/> +	\$ 0
				TOTAL NATIONAL FEE =	900.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +					\$ 40
				TOTAL FEES ENCLOSED =	940.00
				Amt. Refunded	\$
				Amt. charged	
<p>a. <input checked="" type="checkbox"/> Checks in the amounts of <u>\$900.00</u> and <u>\$40.00</u> to cover the above fees are enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.</p>					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<input checked="" type="checkbox"/> Customer Number 000026021 →					
HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701					
 SIGNATURE Dariush G. Adli REG.NO. 51,386 Express Mail Label No. EV 691 880 475 US Date: August 9, 2006					

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

SEND ALL CORRESPONDENCE TO:

Customer Number

000026021 →

HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Phone: 213-337-6700
Fax: 213-337-6701


SIGNATURE

SIGNATURE

Dariush G. Adli

REG. NO. 51,386

Express Mail Label No. EV 691 880 475 US

Date: August 9, 2006

10/588708

AP20 Rec'd PCT/PTO 09 AUG 2006

PATENT

Attorney Docket No: 81844.0052

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Toshiaki SASAKI et al.

Serial No: Not assigned

Filed: August 9, 2006

For: Substrate For Thin-Film Solar Cell, Method For Producing The
Same, And Thin-Film Solar Cell Employing It

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 691 880 475 US

Date of Deposit: August 9, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- Application Data Sheet
- check in amount of \$ 900.00 as filing fee, search fee and examination fee
- check in amount of \$ 40.00 as assignment recordation fee
- patent application (59 page(s) of specification; 7 claim(s); 1 page(s) of abstract
8 sheet(s) of formal drawings)
- executed Declaration and Power of Attorney
- assignment of the invention to KANEKA CORPORATION
- Preliminary Amendment
- Information Disclosure Statement with 8 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

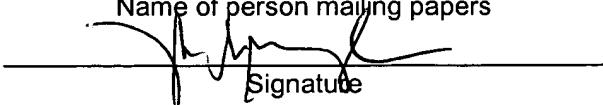
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Date: August 9, 2006

Hogan & Hartson, LLP
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Los Angeles, California 90071
Telephone: 213-337-6700
Facsimile: 213-337-6701

Melvin Mabbayad

Name of person mailing papers


Signature